

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-pressure discharge lamp comprising:
 - an inner vessel with a discharge chamber, and
 - with at least two electrodes extending into the discharge chamber, and
 - an outer bulb surrounding the inner vessel, the outer bulb comprising neodymium oxide, the neodymium oxide content being substantially 2 to 20% by weight with respect to the total weight of the outer bulb,
 - wherein the discharge chamber contains an ionizable filling comprising:
 - at least one rare gas,
 - 0 mg to 10 mg of mercury, and

a metal halide mixture comprising:

40 to 80% by weight of sodium halide,

25 to 55% by weight of scandium halide,

1 to 15% by weight of indium halide, and

0 to 34% by weight of thallium halide.

2. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.345 to 0.375, and a Y-color coordinate in a range from 0.350 to 0.375.

Claim 3 (Canceled)

4. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein a color temperature of light emitted by the high-pressure discharge lamp lies in a range from 4300 K to 5000 K.

5. (Previously Presented) The high-pressure discharge lamp as

claimed in claim 1, wherein luminous efficacy of light emitted by the high-pressure discharge lamp is at least 70 lm/W.

6. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein a color point change with respect to an X-color coordinate and a Y-color coordinate in a CIE 1931 diagram amounts to $\leq 6\%$ over a period of operation of the high-pressure discharge lamp of 1500 hours.

7. (Currently Amended) The high-pressure discharge lamp as claimed in claim 1, wherein the at least one rare gas included includes xenon, and the ionizable filling further comprises:

50 to 70% by weight of sodium iodide,

30 to 50% by weight of scandium iodide,

1 to 15% by weight of indium iodide, and

0 to 10 mg mercury.

8. (Currently Amended) The high-pressure discharge lamp as claimed in claim 1, wherein the at least one rare gas included includes xenon, and the ionizable filling comprises:

50 to 60% by weight of sodium iodide,
35 to 45% by weight of scandium iodide,
1 to 15% by weight of indium iodide, and
0 to 10 mg mercury.

9. (Currently Amended) An A lamp comprising:

an inner vessel including an ionizable filling; and
an outer bulb surrounding the inner vessel;
wherein the outer bulb includes neodymium oxide, the neodymium
oxide content being substantially 2 to 20% by weight with respect
to a total weight of the outer bulb;

~~ionizable filling for a discharge lamps,~~ the ionizable filling
comprising:

at least one rare gas,

0 mg to 10 mg of mercury, and

a metal halide mixture comprising:

40 to 80% by weight of sodium halide,

25 to 55% by weight of scandium halide,

1 to 15% by weight of indium halide, and

0 to 34% by weight of thallium halide.

10. (Previously Presented) A lighting unit comprising the high-pressure discharge lamp as claimed in claim 1.

11. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.350 to 0.370, and a Y-color coordinate in a range from 0.355 to 0.370.

12. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375.

13. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color temperature of light emitted by the high-pressure discharge lamp lies in a range from 4700 K to 4800 K.

PATENT

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14. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein luminous efficacy of light emitted by the high-pressure discharge lamp is at least $\geq 75 \text{ lm/W}$.

15. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color point change with respect to an X-color coordinate and a Y-color coordinate in a CIE 1931 diagram amounts to $\leq 5\%$ over a period of operation of the high-pressure discharge lamp of 1500 hours.